FIELD MANUAL NO 10-52

HEADQUARTERS DEPARTMENT OF THE ARMY Washington, DC, 11 July 1990

WATER SUPPLY IN THEATERS OF OPERATIONS

		Page
PREFACE .		. iii
CHAPTER 1	WATER SUPPORT	
	AirLand Battle	1-1
	Combat Service Support	1-1
	Theater Army Water Support	1-2
	Water Support Responsibilities	1-2
CHAPTER 2	WATER SUPPORT PLANNING AND OPERATIONS	
Section I	PLANNING CONSIDERATIONS	2-1
	Water Support Considerations	2-1
	Host Nation Considerations	
	Water Force Structure Planning	2-3
Section II	WATER SUPPORT OPERATIONS AND SUPPLY	
	Water Support Operations	2-3
	Direct Support Water Supply	2-4
	General Support Water Supply	2-11
Section III	OPERATIONS IN ARID AND NONARID ENVIRONMENTS	2-18
	Operations in an Arid Environment	2-18
		2-19
Section IV	UNIT DISTRIBUTION OPERATIONS	2-20
	Historical Background	2-20
	Responsibilities	2-20
	Water Distribution Equipment	2-21
	Aerial Resupply	2-22
		2-22
	Planning Considerations	2-22

DISTRIBUTION RESTRICTION. Distribution authorized to U.S. Government agencies only to protect technical or operational information from automatic dissemination under the International Exchange Program or by other means. This determination was made on 5 February 1990. Other requests for this document will be referred to Commander, U. S. Army Quartermaster Center and School (PROV), ATTN: ATSM-DTP, Fort Lee, Virginia 23801-5036.

DESTRUCTION NOTICE. Destroy by any method that will prevent disclosure of contents or reconstruction of the document.

^{*}This publication supersedes FM 10-52, 27 February 1985.

CHAPTER 3	WATER SUPPLY PLANNING	
	Water Requirements	3-1
	Water Consumption Requirements	3-1
	Environment Planning Factors	3-3
	Water Requirements Computations	3-5
CHAPTER 4	WATER QUALITY STANDARDS	
	Water Quality	4-1
	Raw Water Classifications	4-2
	Treated Water Classifications	
	Potable Water Quality Standards	4-2
	Development of Standards	
	Diseases and Disinfection	4-6
CHAPTER 5	WATER MANAGEMENT	
	Theater Army Water Management	5-1
	Corps-Level Water Management	5-2
	Division-Level Water Management	5-2
CHAPTER 6	NBC OPERATIONS	
	Toxic Chemical Agents	6-1
	Nuclear Weapons	6-2
	Biological Agents	6-3
CHAPTER 7	REAR OPERATIONS	
	Rear Operations Objective	7-1
	Threat Levels	
	Rear CP	
	Division Rear Operations	
	Division Offensive Operations	7-5
	Corps Rear Operations	7-6 7-5
	Division Defensive Operations	
	Corps Defensive Operations	
	Corps Offensive Operations	7-10
	I heater iteal Operations	7-12
	Theater ADC	
APPENDIXE		
	SUPPORT PLAN CHECKLIST	A-1
	CONSUMPTION TABLES	
	QUALITY STANDARDS	
	Glossa Glossa	
GLOSSARY		
REFERENC		
INDEX	Ind	ex-1